Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

(For Other Works)

No. 1st & Final bill

Date.....20.....

Division: RI -Yelahanka Division

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket No.....

Name of Work: Improvements to roads and drains of Sahakaranagara Main Road and surrounding areas in ward no.08 Kodigehalli

Job Code No: 008-20-000035 **P-CODE: P-2902** **Est. cost: 100.00 lakhs**

Name of Contractor and Full Address : M/s KRIDL, Bangalore.

Work Order No: EE/RI/YNK/WO/04/2019-20, **Dated : 18-12-2019**

Certified that the measurements were taken by me on 26/02/2021 ....and recorded in pages...646033...to 646044 of measurement Book No. 6461/20-21 ..... and that the work is satisfactorily executed.

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor

26/02/2021
Officer-in-charge of work

Certified that the measurements were taken by me on.....26/2/21..... and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Road Infrastructure Division (Yelahanka Division)
Bruhat Bengaluru Mahanagara Palike

Sub-Division Officer

If Memorandum of Payment

1)	Total value of work done or supplies made as per account within	1st & Final Bill 8772125-00
2)	Deduct amount to be held in reserve being.....percent Rs.....	12% GST 1012168 to 526655-00
3)	Deduct amount to be held in Balance	
4)	Deduct Payment :	Present pay 9884778-00 9784291
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....	
	Amount adjusted towards cash advance recovery of	IT 1.5% 131582-00
	b) Payments cost store or other materials supplied.	CGST 87721-00
	Now made recovery of amount creditable to this/other work	SGST 87721-00
	Amount paid on this bill Cheque/Cash	LWF 87721-00
5)	Balance being unpaid value of work done held in reserve	CBF 0.1% 8772-00
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	Royalty 195421-00
7)	Net amount due to or from contractor	TDS 5% 491240-00
	Unadjusted items	Adj 1090178-00
8)	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied	By Cheque: 8694113-00

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Contractor's Signature

Received Rs.....(in words)

By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

(For use in the Office)

Audited & Admitted Rs. 9784291-00

Passed for Rs. 8694113-00

Rupees Eighty Six lakh Ninty four Thousand One hundred and Thirteen only

8694113-00 by Cheque

1090178-00 by Adjustment

AAO

Account Superintendent

Executive Engineer
EE (R.I.)

Initials of Officer Making Payment

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Name of Work:Improvements to roads and drains of Sahakaranagara Main Road and surrounding areas in ward no.08 Kodigehalli

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate	Amount	Qty	Amount
1	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	1240.32	111.3	138047.62	0.00	0.00	1239.00	111.30	137900.7	1239.00	137900.70
2	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	243.20	214.50	52166.40	0.00	0.00	243.16	214.50	52158.249	243.16	52158.25
3	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5 cms thick	Cum	218.88	742.00	162408.96	0.00	0.00	217.50	742.00	161385	217.50	161385.00
4	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	35.40	5421.90	191935.26	0.00	0.00	35.36	5421.90	191718.00 191723.8059	35.36	191718.00 191723.81
5	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200, including cost of materials, labour, HOM complete as per specificationsdo-Wall & bottom thickness 15cm	Cum	104.43	7070.20	738340.99	0.00	0.00	104.40	7070.20	738128.88 738160.6959	104.40	738128.88 738160.70
6	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications.	Tn	5.22	72326.98	377546.84	0.00	0.00	5.21	72326.98	376823.56 376965.4713	5.21	376823.56 376965.47
7	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.	Sqm	318.60	3640.00	1159704.00	0.00	0.00	318.15	3640.00	1158066	318.15	1158066.00
8	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 100mm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc	Sqm	60.00	1145.86	68751.60	0.00	0.00	60.00	1145.86	68751.6	60.00	68751.60
9	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications.	Cum	183.60	57.03	10470.71	0.00	0.00	183.21	57.03	10448.59	183.21	10448.59

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Sl No	Description of Work	Unit	As per Shedule -B			Previous measurement		Present Measurement				
10	KSRRB 300-50. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications.	Sqm	717.60	41.34	29665.58	0.00	0.00	717.47	41.34	29660.0031	717.47	29660.00
11	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications.	Cum	171.90	1855.00	318874.50	0.00	0.00	171.62	1855.00	318346.5206	171.62	318346.52
12	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	455.28	2001.28	911142.76	0.00	0.00	455.20	2001.28	910983.1563	455.20	910983.16
13	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.	Sqm	2387.60	29.68	70863.97	0.00	0.00	2387.60	29.68	70863.968	2387.60	70863.97
14	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications.	Sqm	6062.00	5.30	32128.60	0.00	0.00	6062.00	5.30	32128.6	6062.00	32128.60
15	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications.	Sqm	8864.60	12.72	112757.71	0.00	0.00	8864.60	12.72	112757.712	8864.60	112757.71
16	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen	Cum	154.33	6858.20	1058426.01	0.00	0.00	154.23	6858.20	1057769.333	154.23	1057769.33

1057740.00

1057740.00

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Sl No	Description of Work	Unit	As per Shedule -B			Previous measurement						
17	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. – do – using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminus binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	343.26	8049.64	2763119.43	0.00	0.00	343.11	8049.64	2761898.296	343.11	2761898.30
18	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	280.70	454.74	127645.52	0.00	0.00	280.27	454.74	127449.9798	280.27	127449.98
19	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 – DO III Dt 11.06. 1997. The height, width and length shall	Nos	330.00	357.22	117882.60	0.00	0.00	329.00	357.22	117525.38	329.00	117525.38
	Total				8441879.04		0.00			8434943.06		8434943.1
	4% KRIDL				337675.16		0.00			337397.72		337397.72
	GST 12%				1053546.50		0.00			1052680.89		1052680.89
	Grand Total				9833100.70		0.00			9825021.67		9825021.67

8434734.00 — 8434734.00

337389 — 337389

~~1052655~~ — ~~1052655.00~~

~~48,24,778.00~~ — ~~4824778.00~~

GST 1012168.00

Total 9784291.00

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Assistant Executive Engineer,
R.R. Nagar, Sub-division,
KRIDL, BBMP, Bangalore

SILICON CONSULTING ENGINEERS
Consultants

Assistant Engineer

26/02/21

Asst. Executive Engineer
Road Infrastructure (Rajarajeshwari Nagara Division)
Bruhat Bengaluru Mahanagara Palike
Bengaluru - 02.

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